Survey of Organic Chemistry

Important Note: This syllabus, along with course assignments and due dates, are subject to change. It is the student's responsibility to check Canvas for corrections or updates to the syllabus. Any changes will be clearly noted in a course announcement or through email.

Instructor Information

Instructor: Dr. Kevin Czerwinski
Office: 408 CBB
Virtual Office Hours: By requested Zoom appointment and Open Zoom (see below)
Office Telephone: 715-346-4154
E-mail: kczerwin@uwsp.edu (preferred)

Course Description: Survey of Organic Chemistry is a systematic overview of the compounds of carbon for students needing one semester of organic chemistry.
Credits: Chem 220 - 4 credits
Prerequisite: Either CHEM 106 or CHEM 117.
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Expected Instructor Response Times

- o I will attempt to respond to student emails within 1 business day (eg.,if you ask a question on Friday in an email, an answer will follow on Monday).

Textbook & Course Materials

Required Text: The **textbook** for this course is available at text rental. It is entitled *Essential Organic Chemistry, 3rd Ed.* by Bruice. ISBN-13: 978-0321937711

Recommended Texts & Other Readings: Study Guide & Solution Manual for Essential Organic Chemistry 3rd Edition ISBN-13: 978-0133867251.

Course Learning Outcomes

Students should be able to predict how and why organic compounds react to form products.
Students should be able to recognize the reactions they learn in the first part of the course and apply the reactions to biological systems.
Students should be able to design simple syntheses.
Students should be able to explain by example how organic chemistry is integral to biology, to medicine, and to their daily lives.

You will demonstrate a mastery of the outcomes listed above through a combination of the following activities in this course:

- Viewing of all posted lectures.
- Completion of all in text problems.
- Self check with chapter quizzes in the Study Guide
- Demonstrating proficiency on quizzes and exams

Survey of Organic Chemistry Schedule

Week*	Topic	Text Chapter	LabFlow Module**
1	Structure & Bonding	1	No Lab Module
2	Acids & Bases	2	Lab Safety Review
3	Organic Compounds	3	Chemistry Math, Labware, Kit Review
4	Isomers	4	Aqueous Solutions
5	Alkenes & Thermodynamics	5	Lewis Structures and Molecular Modeling
6	Alkene & Alkyne Reactions	6	Molecular Modeling Kits
7	Resonance	7	Structures in Organic Compounds
8	Substitution & Elimination	8	Melting Points
	Midterm Exam		
9	Alcohols	9	Extraction of Caffeine
10	Carboxylic Acids	11	Aspirin and other Analgesics
11	Carboxylic Acids	11	Hydration of 1-Hexene
12	Aldehydes & Ketones	12	Fractional Distillation
13	Aldol	13	
14	Carbohydrates	16	Alcohols and Phenols
15	Proteins	17	Aldehydes and Ketones
16	Final Exam Week		

* Weeks are the calendar weeks as found on the official university calendar below.
** See the separate LabFlow materials on Canvas.
Dr. Czerwinski and lab assistants are available to answer lab-related questions via e-mail or Zoom. Because lab assistants have other teaching responsibilities, it is generally a good idea to schedule an appointment with them in advance. However, they have reserved specific times to assist Chem 220 students. If you need help during these scheduled times, they should be able to respond to your e-mail request immediately.

Dr. Bowling: nbowling@uwsp.edu   Pre-scheduled Chem 220 hours: Tuesday 11 AM – 1:50 PM
Dr. D'Acchioli: jdacchio@uwsp.edu Pre-scheduled Chem 220 hours: Thursday 11 AM – 1:50 PM

Official UWSP Semester Calendar

August / September 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
23	24	25	26	27	28	29	
30	31	1	2	3	4	5	(1)
6	7	8	9	10	11	12	(2)
13	14	15	16	17	18	19	(3)
20	21	22	23	24	25	26	(4)
27	28	29	30				(5)

October 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
				1	2	3	(5)
4	5	6	7	8	9	10	(6)
11	12	13	14	15	16	17	(7)
18	19	20	21	22	23	24	(8)
25	26	27	28	29	30	31	(9)

November 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
1	2	3	4	5	6	7	(10)
8	9	10	11	12	13	14	(11)
15	16	17	18	19	20	21	(12)
22	23	24	25*	26	27	28	(13)
29	30						(14)

December 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
		1	2	3	4	5	(14)
6	7	8	9	10	11	#12	(15)
13	14	15	16	17	18	19	(16)
20	21	22	23	24	25	26	
27	28	29	30	31			

Important Note: Refer to the Canvas course home page for pertinent information. Activity and assignment details will be explained in detail within each week's corresponding Module. As tasks come due, they will appear in your "to do" list. If you have any questions, please contact your instructor.

Student Expectations

In this course you will be expected to complete the following types of tasks.
- communicate via email
- complete basic internet searches
- download and upload documents to the LMS
- read documents online
- view online videos
- participate in online discussions
- complete quizzes/tests online

Course Structure

This course will be delivered entirely online through the course management system Canvas. You will use your UWSP account to login to the course from the [Canvas Login Page](). If you have not activated your UWSP account, please visit the [Manage Your Account]() page to do so.

Technology

Protecting your Data and Privacy

UW-System approved tools meet security, privacy, and data protection standards. For a list of approved tools, visit this website.
https://www.wisconsin.edu/dle/external-application-integration-requests/

Tools not listed on the website linked above may not meet security, privacy, and data protection standards. If you have questions about tools, contact the UWSP IT Service Desk at 715-346-4357.

Here are steps you can take to protect your data and privacy.
- Use different usernames and passwords for each service you use
- Do not use your UWSP username and password for any other services
- Use secure versions of websites whenever possible (HTTPS instead of HTTP)
- Have updated antivirus software installed on your devices

Course Technology Requirements

- View this website to see [minimum recommended computer and internet configurations for Canvas]().

- You will also need access to the following tools to participate in this course.
  - o webcam
  - o microphone
  - o a stable internet connection (don't rely on cellular)

UWSP Technology Support

- Visit with a Student Technology Tutor
- Seek assistance from the IT Service Desk (Formerly HELP Desk)
  - o IT Service Desk Phone: 715-346-4357 (HELP)
  - o IT Service Desk Email: techhelp@uwsp.edu

Canvas Support

Click on the help button in the global (left) navigation menu and note the options that appear:

Support Options	Explanations
Ask Your Instructor a Question Submit a question to your instructor	Use **Ask Your Instructor a Question** sparingly; technical questions are best reserved for Canvas personnel and help as detailed below.
Chat with Canvas Support (Student) Live Chat with Canvas Support 24x7!	**Chat**ting **with Canvas Support (Student)** will initiate a *text chat* with Canvas support. Response can be qualified with severity level.
Contact Canvas Support via email Canvas support will email a response	**Contact**ing **Canvas Support via email** will allow you to explain in detail or even upload a screenshot to show your particular difficulty.
Contact Canvas Support via phone Find the phone number for your institution	Calling the Canvas number will let Canvas know that you're from UWSP; phone option is available 24/7.
Search the Canvas Guides Find answers to common questions	**Search**ing **the Canvas guides** connects you to documents that are searchable by issue. You may also opt for **Canvas video guides.**
Submit a Feature Idea Have an idea to improve Canvas?	If you have an idea for Canvas that might make instructions or navigation easier, feel free to offer your thoughts through this **Submit a Feature Idea** avenue.

All options are available 24/7; however, if you opt to email your instructor, s/he may not be available immediately.

- Self-train on Canvas through the Self-enrolling/paced Canvas training course

Graded Course Activities

Chapter Quizzes 14 x 15 points	210 Points
Lab Modules 13 x 15 points	195 Points
1 Midterm Exam	100 Points
1 Final Exam	150 Points

Complete Assignments

All assignments for this course will be submitted electronically through Canvas or LabFlow unless otherwise instructed. Assignments must be submitted by the given deadline or special permission must be requested from instructor *before the due date*. Extensions will not be given beyond the next assignment except under extreme circumstances.

Late Work Policy

Be sure to pay close attention to deadlines—there will be no make-up assignments or quizzes, or late work accepted without a serious and compelling reason and instructor approval.

Viewing Grades in Canvas

Points you receive for graded activities will be posted to Grades. Click on the Grades link to view your points.

Letter Grade Assignment

The grading scale is the nationally recognized College Board Grading Scale. The final grade will be based upon the total points accumulated by the student divided by the total points possible. You should be able to tell how you are doing in the course by using the scale shown below. All scores will be tracked on Canvas and should auto grade upon successful submission.

Letter Grade	Percentage
A	93-100%
A-	90-92%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%
C	73-76%
C-	70-72%
D+	67-69%
D	65-66%
F	0-64%

Course Policies

Netiquette Guidelines

Netiquette is a set of rules for behaving properly online. Your instructor and fellow students wish to foster a safe online learning environment. All opinions and experiences, no matter how different or controversial they may be perceived, must be respected in the tolerant spirit of academic discourse. You are encouraged to comment, question, or critique an idea but you are not to attack an individual. Working as a community of learners, we can build a polite and respectful course community.

The following netiquette tips will enhance the learning experience for everyone in the course:
- Do not dominate any discussion.
- Give other students the opportunity to join in the discussion.
- Do not use offensive language. Present ideas appropriately.
- Be cautious in using Internet language. For example, do not capitalize all letters since this suggests shouting.
- Popular emoticons such as ☺ or / can be helpful to convey your tone but do not overdo or overuse them.
- Avoid using vernacular and/or slang language. This could possibly lead to misinterpretation.
- Never make fun of someone's ability to read or write.
- Share tips with other students.
- Keep an "open-mind" and be willing to express even your minority opinion. Minority opinions have to be respected.
- Think and edit before you push the "Send" button.
- Do not hesitate to ask for feedback.
- Using humor is acceptable

Adapted from:

Mintu-Wimsatt, A., Kernek, C., & Lozada, H. R. (2010). *Netiquette: Make it part of your syllabus*. Journal of Online Learning and Teaching, 6(1). Retrieved from http://jolt.merlot.org/vol6no1/mintu-wimsatt_0310.htm

Shea, V. (1994). Netiquette. Albion.com. Retrieved from: http://www.albion.com/netiquette/book/.

Build Rapport

If you find that you have any trouble keeping up with assignments or other aspects of the course, make sure you let your instructor know as early as

possible. As you will find, building rapport and effective relationships are key to becoming an effective professional. Make sure that you are proactive in informing your instructor when difficulties arise during the semester so that we can help you find a solution.

Understand When You May Drop This Course

It is the student's responsibility to understand when they need to consider unenrolling from a course. Refer to the UWSP Academic Calendar for dates and deadlines for registration. After this period, a serious and compelling reason is required to drop from the course.

Inform Your Instructor of Any Accommodations Needed

If you have a documented disability and verification from the Disability and Assistive Technology Center and wish to discuss academic accommodations, please contact your instructor as soon as possible. It is the student's responsibility to provide documentation of disability to Disability Services and meet with a Disability Services counselor to request special accommodation *before* classes start.

The Disability and Assistive Technology Center is located in 609 Albertson Hall and can be contacted by phone at (715) 346-3365 (Voice) (715) 346-3362 (TDD only) or via email at datctr@uwsp.edumailto:datctr@uwsp.edu

Statement of Policy
UW-Stevens Point will modify academic program requirements as necessary to ensure that they do not discriminate against qualified applicants or students with disabilities. The modifications should not affect the substance of educational programs or compromise academic standards; nor should they intrude upon academic freedom. Examinations or other procedures used for evaluating students' academic achievements may be adapted. The results of such evaluation must demonstrate the student's achievement in the academic activity, rather than describe his/her disability.

If modifications are required due to a disability, please inform the instructor and contact the Disability and Assistive Technology Center in 609 ALB, or (715) 346-3365.

Commit to Integrity

As a student in this course (and at this university) you are expected to maintain high degrees of professionalism, commitment to active learning and participation in this class and also integrity in your behavior in and out of the classroom.

UWSP Academic Honesty Policy & Procedures

Student Academic Disciplinary Procedures

UWSP 14.01 Statement of principles

The board of regents, administrators, faculty, academic staff and students of the university of Wisconsin system believe that academic honesty and integrity are fundamental to the mission of higher education and of the university of Wisconsin system. The university has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors. Students who violate these standards must be confronted and must accept the consequences of their actions.

UWSP 14.03 Academic misconduct subject to disciplinary action.

(1) Academic misconduct is an act in which a student:

(a) Seeks to claim credit for the work or efforts of another without authorization or citation;

(b) Uses unauthorized materials or fabricated data in any academic exercise;

(c) Forges or falsifies academic documents or records;

(d) Intentionally impedes or damages the academic work of others;

(e) Engages in conduct aimed at making false representation of a student's academic performance; or

(f) Assists other students in any of these acts.

(2) Examples of academic misconduct include, but are not limited to: cheating on an examination; collaborating with others in work to be presented, contrary to the stated rules of the course; submitting a paper or assignment as one's own work when a part or all of the paper or assignment is the work of another; submitting a paper or assignment that contains ideas or research of others without appropriately identifying the sources of those ideas; stealing examinations or course materials; submitting, if contrary to the rules of a course, work previously presented in another course; tampering with the laboratory experiment or computer program of another student; knowingly and intentionally assisting another student in any of the above, including assistance in an arrangement whereby any work, classroom performance, examination or other activity is submitted or performed by a person other than the student under whose name the work is submitted or performed.

Religious Beliefs

Relief from any academic requirement due to religious beliefs will be accommodated according to UWS 22.03, with notification within the first three weeks of class.